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Abstract

The invention concerns an automated and robotized platform (1) comprising a battery of miniature reactors (3) containing each a cell culture. The platform comprises an external sensor (7) for measuring at least one optical property of each cell culture contained in each miniature reactor. The platform also comprises a mobile sensor-holder (9) for receiving the external sensor. The sensor-holder includes sensor driving means for moving the external sensor from one miniature reactor to another and for measuring in real time said at least one optical property. The platform further comprises controlling and processing means for receiving real time measurements of the optical property from the external sensor and for real time control of a movement of the mobile sensor-holder.